## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
11	332987	(capacitor\$2 feram)	US-PGPUB; USPAT	OR	ON	2006/05/02 17:22
L3	770	(etch\$4)near13 (groove\$2 slit\$4 trench\$2 opening\$2 through adj hole\$2 via\$2 adj hole\$2 contact adj hole\$2) near7(penetrat\$4 through)near4(barrier titanium aluminum "tio.sub.2" "al.sub.2o. sub.3")	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:02
L4	240	1 and 3	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:11
L5	252240	interconnect\$4.ti,clm,ab.	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:10
L6	67	4 and 5	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:06
L7	997	(cavity over\$1hang under\$1hang void\$2 recess\$3 undercut\$2 notches bowing near2 concavity)same((filled filling) near17(liner\$2))	US-PGPUB; USPAT	OR	OFF '	2006/05/02 17:06
L8	92	7 and 5	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:14
L9	92	8 not 6	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:08
L10	46	((etch\$4)near13 (groove\$2 slit\$4 trench\$2 opening\$2 through adj hole\$2 via\$2 adj hole\$2 contact adj hole\$2)) and 9	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:23
L11	691082	interconnect\$4	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:16
L12	247	7 and 11	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:11
L13 ·	94	1 and 7	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:12
`L14	218	((etch\$4)near13 (groove\$2 slit\$4 trench\$2 opening\$2 through adj hole\$2 via\$2 adj hole\$2 contact adj hole\$2)) and 7	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:13
L15	1248	438/329 438/672.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/02 17:14
L16	8	7 and 15	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:16
L17	17	3 and 15	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:15

## **EAST Search History**

L18	412	5 and 15	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:16
L19	167	interconnect\$4.ti. and 15	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:22
L20	334509	(capacitor\$2 feram)	EPO; JPO; DERWENT	OR	ON	2006/05/02 17:22
L21	1312	interconnect\$4.ti. and 20	EPO; JPO; DERWENT	OR	OFF	2006/05/02 17:22
L22	62	((etch\$4)near13 (groove\$2 slit\$4 trench\$2 opening\$2 through adj hole\$2 via\$2 adj hole\$2 contact adj hole\$2)) and 21	EPO; JPO; DERWENT	OR	OFF	2006/05/02 17:23

## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	332949	(capacitor\$2 feram)	US-PGPUB; USPAT	OR	OFF	2006/05/02 12:30
L2	755	(etch\$4)near13 (groove\$2 slit\$4 trench\$2 opening\$2 through adj hole\$2 via\$2 adj hole\$2 contact adj hole\$2) near5(penetrat\$4 through)near4(barrier titanium aluminum barrier)	US-PGPUB; USPAT	OR	OFF	2006/05/02 12:30
L3	237	1 and 2	US-PGPUB; USPAT	OR	OFF	2006/05/02 12:29
L4	15051	(titanium aluminum barrier)with (void\$2 recess\$3 undercut\$2 notches bowing near2 concavity)	US-PGPUB; USPAT	OR	OFF	2006/05/02 12:30
L5	48	3 and 4	US-PGPUB; USPAT	OR	OFF	2006/05/02 12:31
L6	334509	(capacitor\$2 feram)	EPO; JPO; DERWENT	OR	ON	2006/05/02 12:30
L7	185	(etch\$4)near13 (groove\$2 slit\$4 trench\$2 opening\$2 through adj hole\$2 via\$2 adj hole\$2 contact adj hole\$2) near5(penetrat\$4 through)near4(barrier titanium aluminum barrier)	EPO; JPO; DERWENT	OR	ON	2006/05/02 12:30
L8	20	6 and 7	EPO; JPO; DERWENT	OR	ON	2006/05/02 12:31
L9	1823	438/629 438/672.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/02 12:31
L10	255	9 and 4	US-PGPUB; USPAT	OR <sub>,</sub>	OFF	2006/05/02 12:31